



ATTORNEY DOCKET NO. 600-33-DIV

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) Examiner: Unknown
BEARD, et al.)
) Art Unit: 1626
)
Serial No.: 10/612,667)
)
Filed:07/02/03)
)
For: AMINES SUBSTITUTED WITH)
DIHYDRONAPHTHAENYL,)
CHROMENYL OR)
THIOCHROMENYL GROUP HAVING)
RETINOID-LIKE BIOLOGICAL)
ACTIVITY)

INFORMATION DISCLOSURE

STATEMENT

Mail Stop DD
Commissioner for Patents
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Alexandria, VA 22313-1450

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I hereby certify that this correspondence is being deposited on October 6, 2003 with the United States Postal Service First Class Mail addressed to: Mail Stop DD, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Toni Whyte

Date

Dear Sir:

Pursuant to 37 CFR Sections 1.97 and 1.98, and in fulfillment of the duty of candor set forth in 37 CFR Section 1.56, Applicant cites the following documents listed on Form 1449, submitted herewith. Copies of the non-U.S. references are enclosed.

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,877,207	03/02/99	Klein, et al.	
		US-4,898,872	02/06/90	Campbell, et al.	
		US-5,773,594	06/30/98	Johnson, et al.	
		US-5,505,083	03/09/96	Hines	
		US-5,808,124	09/15/98	Beard, et al.	
		US-5,952,345	09/14/99	Klein et al.	
		US-5,958,954	09/28/99	Klein et al.	
		US-5,618,931	04/08/97	Beard et al.	



		US-5,489,584	02/06/96	Vuligonda, et al.	
		US-5,559,248	09/24/96	Starrett, Jr., et al.	
		US-5,648,514	07/15/97	Johnson, et al.	
		US-5,455,265	10/03/95	Chandraratna	
		US-5,763,635	06/09/98	Vuligonda	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Comments	T ²
		Country Code -Number ³ -Kind ⁴ (if known)				
		WO 9845242 A1	10/15/98	Shudo, et al.		
		French Patent 94 05019	10/27/95	Bemardon Jean-Michel	Describes bicyclic aromatic compounds shown by the formula in the first page of the application. The compounds are said to be usable as pharmaceuticals and cosmetics.	
		Japanese Patent JP63132864	06/04/88	Masamoto, et al.	Has an English language abstract.	
		EPO 0 661 259 A1	07/05/95	Starrett, et al.		
		WO 93/11755	06/24/93	Evans, et al.		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		DAWSON, et al., Chemistry and Biology of Synthetic Retinoids, 1990, 334-335 and 324-356, CRC Press inc.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		VERMA et al., Cancer Research, 1977, 2196-2201, 37	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		O'BRIEN et al., Cancer Research, 1975, 1662-1670	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		FEIGNER P.L. et al., Focus, 1989, 112	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		HEYMAN et al., Cell, 1992, 397-406, 68	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ALLEGRETTO et al., J. Biol. Chem., 26625-26633, 268	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MANGELSDORF et al., The Retinoids: Biology, Chemistry, and Medicine, 319-349, Raven Press Ltd., New York	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		CHENG et al., Biochemical Pharmacology, 3099-3108, 22	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		KLEIN et al., J. Biol. Chem., 1996, 22692-22696, 271	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>



CHEN et al., Mol. Cell. Biol., 1987, 2745-2752, 7

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NAGPAL et al., Embo J., 1993, 2349-2360, 12

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COREY et al., Tet. Lett., 1979, 399

OMURA et al., Tetrahedron, 1978, 34, 1651

OLD et al., J. Am. Chem. Soc., 1998, 120, 9722

LAKSHMAN et al., J. Am. Chem. Soc., 1999, 121, 6090

REMARKS

Submission of the foregoing document is no representation that a search was made, or if made, that it was comprehensive, or that no other documents exist which may be material to the above-identified application. Moreover, the Applicant does not concede that the foregoing document is necessarily prior art to the invention.

Date: October 6, 03

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Application Number	10/612,667
Filing Date	07/02/03
First Named Inventor	Richard BEARD, et al.
Art Unit	1626
Examiner Name	Unknown

Attorney Docket Number **600-33-DIV**

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³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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